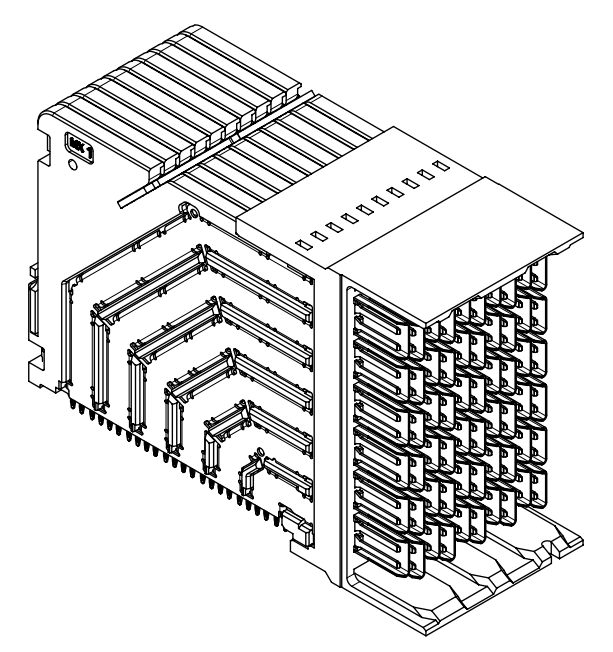
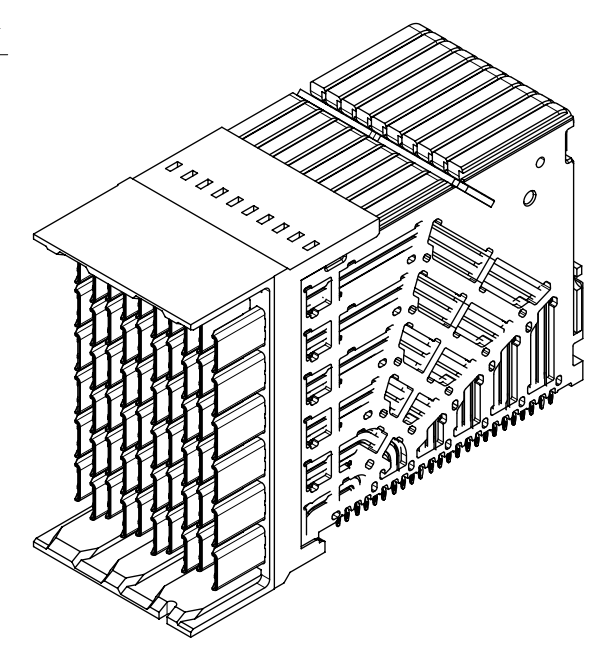


- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)  
GLASS-FILLED, UL94V-0  
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
  2. FINISH: 30uIN GOLD IN CONTACT AREA.  
SELECTIVE TIN ON PCB TAILS.  
NICKEL OVERALL.
  3. REFER TO MOLEX PRODUCT SPECIFICATION PS-171320-999 FOR PERFORMANCE SPECIFICATIONS.
  4. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
  5. PRODUCT WILL BE PACKAGED PER PK-78888-311.
  6. SEE SHEET 2 AND 3 FOR PCB LAYOUT AND MATING BOARD RELATIONSHIP.
  7. MATES WITH IMPEL DAUGHTERCARD SERIES NUMBER 171400 (UNGUIDED).
  8. REFER TO IMPEL PCB ROUTING GUIDE AS-171320-990 FOR ANTIPAD, ROUTING RECOMMENDATIONS, AND ADDITIONAL PCB INFORMATION.
  9. WHEN STACKING MODULES END TO END, THE MINIMUM COLUMN TO COLUMN HOLE SPACING IS 2.65mm.



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
MIGRATED TO NX EC NO: 122495 DRWN: TMARRI CHKD: YLLIM REV / APPR: DWLEED01	2017/09/27		2017/09/27		2017/10/05		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE	
	4 PLACES		±		ANGULAR TOL ± 0.5 °		MM		3:1			
	3 PLACES		±		DRAWN BY		DATE		JLAURX		2013/08/29	
	2 PLACES		± 0.13		CHKD BY		DATE		SHLENI		2015/03/12	
	1 PLACE		± 0.25		APPR BY		DATE		DRAWING SIZE		THIRD ANGLE PROJECTION	
0 PLACES		±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		C		SEE CHART		172130		
A3		REV		APPR		DWLEED01		SERIES		MATERIAL NUMBER	CUSTOMER	
								SD-172130-0001		DOC TYPE	DOC PART	SHEET NUMBER
								PSD		001	1 OF 3	



IMPEL 6 PAIR  
RIGHT ANGLE MALE (RAM) UNGUIDED SALES  
DRAWING

PRODUCT CUSTOMER DRAWING

GENERAL MARKET

MATERIAL NUMBER	NUMBER OF COLUMNS	NUMBER OF DIFF PAIR	DIM "A"	DIM "B"	DIM "P"
172130-1808	8	48	15.95 MAX	13.30	5.50
172130-1108	10	60	19.75 MAX	17.10	5.50
172130-1208	12	72	23.55 MAX	20.90	5.50
172130-1608	16	96	31.15 MAX	28.50	5.50

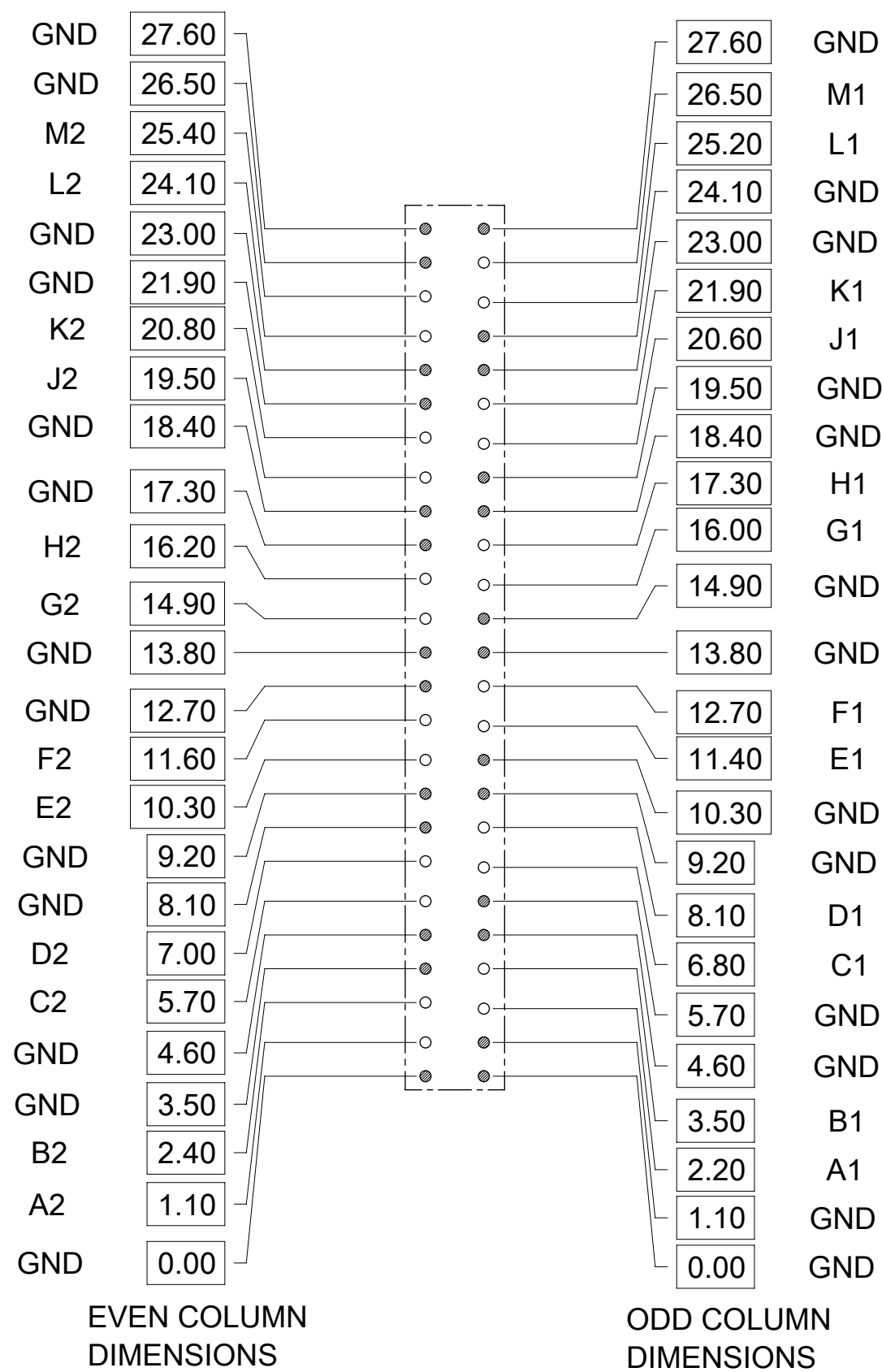
### 172130-1 \* \* \*

MODULE TYPE  
1 = UNGUIDED

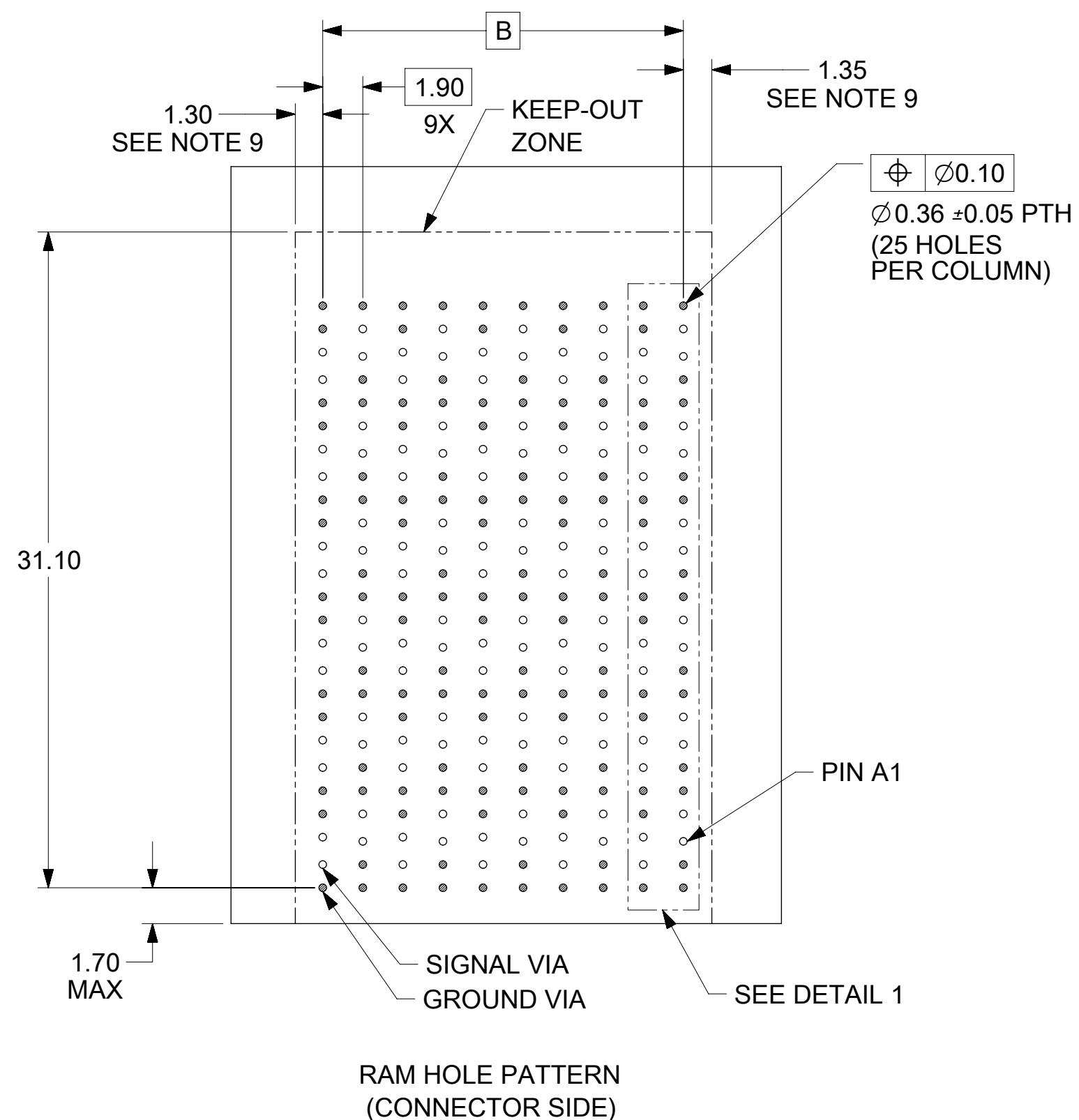
COLUMN SIZE  
8 = 8 COLUMN  
1 = 10 COLUMN  
2 = 12 COLUMN  
6 = 16 COLUMN

PIN LENGTH (P)  
8 = 5.50mm

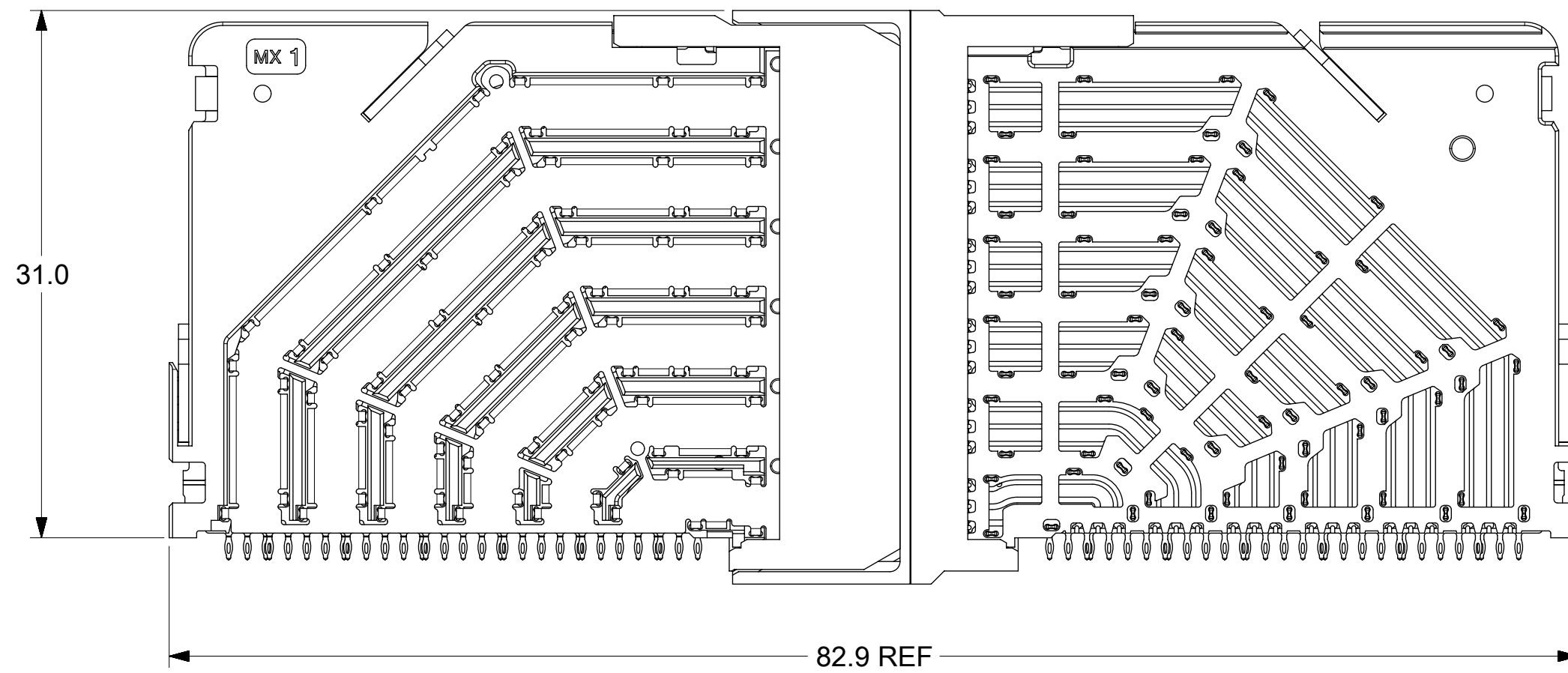
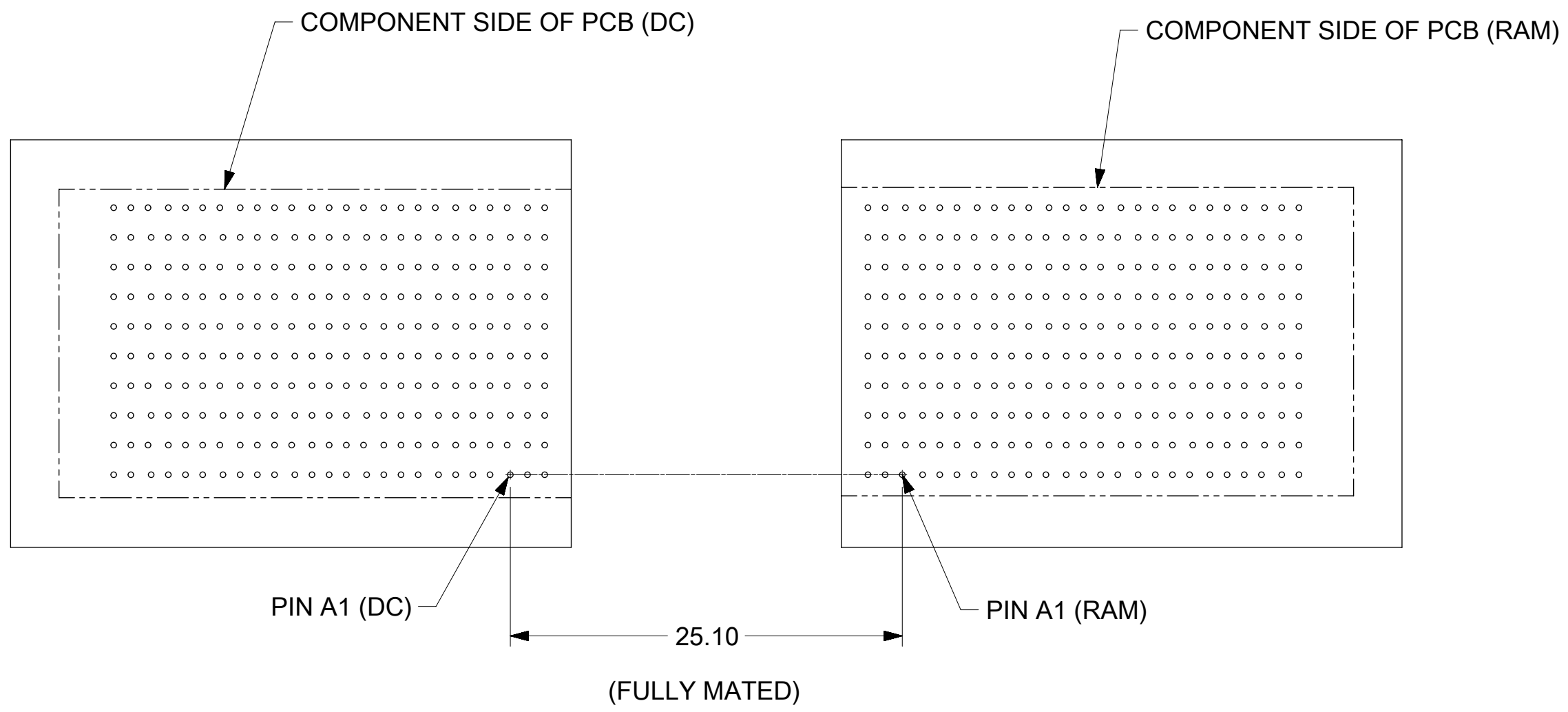
END WALL  
0 = OPEN WALL



DETAIL 1  
SCALE 5:1



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MIGRATED TO NX EC NO: 122495 DRWN: TMARRI CHKD: YLLIM REV / APPR: DWLE01	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS	SCALE													
	ANGULAR TOL ± 0.5 °			MM	4:1													
	4 PLACES ±		JLAURX		DATE	2013/08/29												
	3 PLACES ±		CHKD BY		DATE													
	2 PLACES ± 0.13		APPR BY		DATE	SHLENI 2015/03/12												
	1 PLACE ± 0.25		DRAWING SIZE		THIRD ANGLE PROJECTION	<table border="1"> <tr> <td>SERIES</td> <td>MATERIAL NUMBER</td> <td>CUSTOMER</td> </tr> <tr> <td>172130</td> <td>SEE CHART</td> <td>GENERAL MARKET</td> </tr> </table>						SERIES	MATERIAL NUMBER	CUSTOMER	172130	SEE CHART	GENERAL MARKET	
SERIES	MATERIAL NUMBER	CUSTOMER																
172130	SEE CHART	GENERAL MARKET																
0 PLACES ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		C	<table border="1"> <tr> <td>DOCUMENT NUMBER</td> <td>DOC TYPE</td> <td>DOC PART</td> <td>SHEET NUMBER</td> </tr> <tr> <td>SD-172130-0001</td> <td>PSD</td> <td>001</td> <td>2 OF 3</td> </tr> </table>						DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER	SD-172130-0001	PSD	001	2 OF 3
DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER															
SD-172130-0001	PSD	001	2 OF 3															



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MIGRATED TO NX EC NO: 122495 DRWN: TMARRI CHKD: YLLIM REV / APPR: DWLEED01	2017/09/27	2017/09/27	2017/10/05	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE	<b>molex</b> IMPEL 6 PAIR RIGHT ANGLE MALE (RAM) UNGUIDED SALES DRAWING				
				ANGULAR TOL ± 0.5 °		MM	3:1					
	4 PLACES ±		3 PLACES ±		2 PLACES ± 0.13		DRWN BY	DATE	PRODUCT CUSTOMER DRAWING			
	1 PLACE ± 0.25		0 PLACES ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		JLAURX	2013/08/29				
A3		C		THIRD ANGLE PROJECTION		CHKD BY	DATE	SERIES MATERIAL NUMBER CUSTOMER 172130 SEE CHART GENERAL MARKET				
						SHLENI	2015/03/12					
RELEASE STATUS P1		RELEASE DATE 05.10.2017 04:45:27				DRAWING SIZE		DOCUMENT NUMBER				
						C		SD-172130-0001		DOC TYPE PSD	DOC PART 001	SHEET NUMBER 3 OF 3